

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	4742	(604/19-21,46,118,500-501,130,136-139,144,156-157).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 14:18
L3	4	2 and (joules near3 (cm or mm or in))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 14:20
L4	0	2 and ((needle or protrusion or microprotrusion or microneedle or projectile or blade or lancet or piercing or puncturing or puncture or pierce or strike or striking or impact or impacting) same (velocity) same (milliseconds))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 14:19
L5	7	2 and (lancet or tatoo or autoinjector or injector) and ((needle or protrusion or microprotrusion or microneedle or projectile or blade or lancet or piercing or puncturing or puncture or pierce or strike or striking or impact or impacting) same (milliseconds))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 14:20
L6	3027	2 and (force or energy or impact or pressure) and (second or millisecond)	US-PGPUB; USPAT	OR	ON	2006/06/23 14:20
S1	1	("20020123675").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/21 15:29
S2	518	(cormier or matriano or daddona).in.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:30
S3	8	("3814097" "3964482" "5250023" "5279544" "5879326" "6048337" "RE25637").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:30
S6	3881	(604/19-21,46,500-501,130,136-139,144,156-157).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/23 14:18
S7	1248	(600/309,316,322,325,327-328,332,334,341,344).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/21 15:32
S8	1649	(606/181,183-189).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/21 15:32
S9	16	(S2 or S3 or S6 or S7 or S8) and ((joules near3 (cm or mm or in)) or ((pounds or lbs) near3 (cm or mm or in)))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 15:39

## EAST Search History

S10	5	(S2 or S3 or S6 or S7 or S8) and (joules near3 (cm or mm or in))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 14:19
S11	380	(S2 or S3 or S6 or S7 or S8) and ((needle or protrusion or microprotrusion or microneedle or projectile or blade or lancet or piercing or puncturing or puncture or pierce or strike or striking or impact or impacting) same (velocity or speed))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 16:21
S12	131	(S2 or S3 or S6 or S7 or S8) and ((needle or protrusion or microprotrusion or microneedle or projectile or blade or lancet or piercing or puncturing or puncture or pierce or strike or striking or impact or impacting) same (velocity))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 18:03
S13	121	(S2 or S3 or S6 or S7 or S8) and ((needle or protrusion or microprotrusion or microneedle or projectile or blade or lancet or piercing or puncturing or puncture or pierce or strike or striking or impact or impacting) same (velocity)) and (ms or milliseconds or microseconds or seconds)	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 18:04
S14	58	(S2 or S3 or S6 or S7 or S8) and ((needle or protrusion or microprotrusion or microneedle or projectile or blade or lancet or piercing or puncturing or puncture or pierce or strike or striking or impact or impacting) same (velocity) same (ms or milliseconds or microseconds or seconds))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 18:17
S15	35	(S2 or S3 or S6 or S7 or S8) and ((needle or protrusion or microprotrusion or microneedle or projectile or blade or lancet or piercing or puncturing or puncture or pierce or strike or striking or impact or impacting) same (velocity) same (ms or milliseconds))	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 18:18

## EAST Search History

S16	4	(S2 or S3 or S6 or S7 or S8) and ((needle or protrusion or microprotrusion or microneedle or projectile or blade or lancet or piercing or puncturing or puncture or pierce or strike or striking or impact or impacting) same (velocity) same (milliseconds))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 14:19
S17	36	(S2 or S3 or S6 or S7 or S8) and (lancet or tatoo or autoinjector or injector) and ((needle or protrusion or microprotrusion or microneedle or projectile or blade or lancet or piercing or puncturing or puncture or pierce or strike or striking or impact or impacting) same (milliseconds))	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/23 14:20
S18	3	("3964482") or ("5279544") or ("5879326")).PN.	US-PGPUB; USPAT	OR	OFF	2005/06/21 18:36
S19	2	S18 and (force or energy or impact or pressure) and (second or millisecond)	US-PGPUB; USPAT	OR	ON	2006/06/23 14:20

## EAST Search History

S20	91	( "2634726"   "2862495"   "3181336"   "3788315"   "3840008"   "3957051"   "3964482"   "4031892"   "4188949"   "4193400"   "4203446"   "4204438"   "4214490"   "4257561"   "4286599"   "4351335"   "4383530"   "4392493"   "4411657"   "4413993"   "4437361"   "4447232"   "4508106"   "4535769"   "4537593"   "4582060"   "4592744"   "4613328"   "4634431"   "4665912"   "4666438"   "4671277"   "4699692"   "4710180"   "4719825"   "4771660"   "4781689"   "4790830"   "4808170"   "4838877"   "4842587"   "4862772"   "4889529"   "4895147"   "4914988"   "4921475"   "4924879"   "4931059"   "4968302"   "4990135"   "5054339"   "5060658"   "5061250"   "5076282"   "5225750"   "5244120"   "5250067"   "5262128"   "5271744"   "5279552"   "5318584"   "5364374"   "5401242"   "5443492"   "5451210"   "5454922"   "5472449"   "5496304"   "5515871"   "5564436"   "5580859"   "5611806"   "5681283"   "5697901"   "5716348"   "5752942"   "5807275"   "5848991"   "5848996"   "5860957"   "5868721"   "5911703"   "6030404"   "6057090"   "6065371"   "6068855"   "6077247"   "6270479").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 18:56
S21	6	S20 and velocity	US-PGPUB; USPAT; USOCR	OR	ON	2005/06/21 18:57
S22	2	("9817662").PN.	EPO; DERWENT	OR	OFF	2005/06/21 19:01
S23	0	("crocker").PN.	EPO; DERWENT	OR	OFF	2005/06/21 19:01

## EAST Search History

S24	592	crocker.in.	US-PGPUB; USPAT	OR	ON	2005/06/21 19:01
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